

**Widening & Comprehensive Development of Singapura Garden
Road from Abbigere Main Road (Precision Components Factory) to
Shrinikethan Layout (BDA Layout)**

PRE-MEASUREMENT SHEET

“FIRST AND PART BILL”

Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 15/6/2022

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
14	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM complete as per specifications. MORTH I Chapter 3						
	Front of Transfer point						Cu/c
	Ch: 0.00m to 18.50m	1	18.50	14.50	14.00	14.25	263.63
	Ch: 18.50m to 48.50m	1	30.00	15.20	15.00	15.10	453.00
	Ch: 48.50m to 78.50m	1	30.00	15.00	14.80	14.90	447.00
	Ch: 78.50m to 108.50m	1	30.00	14.80	15.20	15.00	450.00
	Ch: 108.50m to 109.20m	1	0.70	15.20	15.70	15.45	10.82
	Present Qty						1624.44 Sqm

Contractor



Consultant

Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ರಸ್ತೆ ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, (ಹಾಸರಹಳ್ಳಿ ವಿಭಾಗ)
ಬೃಹತ್ ಮೈಸೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
Asst. Executive Engineer



Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 29/4/2022

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
15	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 21.00 km and complete as per specifications. MORTH						
	Singapura Garden Road						
	RCC Drain						
	From SWD LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.05	34.65	
	Ch: 30.00m to 48.80m	1	18.80	1.10	1.05	21.71	
	Culvert link Gap						
	Ch: 48.80m to 78.80m	1	30.00	1.10	1.20	39.60	
	Ch: 78.80m to 108.60m	1	29.80	1.10	1.20	39.34	
	Ch: 108.60m to 138.60m	1	30.00	1.10	1.00	33.00	
	Ch: 138.60m to 168.60m	1	30.00	1.10	1.00	33.00	
	Ch: 168.60m to 198.60m	1	30.00	1.10	1.00	33.00	
	Ch: 198.60m to 216.70m	1	18.10	1.10	1.00	19.91	
	Culvert Gap						
	Ch: 216.70m to 246.70m	1	30.00	1.10	1.00	33.00	
	Ch: 246.70m to 276.70m	1	30.00	1.10	1.00	33.00	
	Ch: 276.70m to 306.70m	1	30.00	1.10	1.00	33.00	
	Ch: 306.70m to 329.80m	1	23.10	1.10	1.00	25.41	
	Continued						
	Ch: 329.80m to 332.90m	1	3.10	1.10	1.00	3.41	
	Ch: 332.90m to 351.30m	1	18.40	1.10	1.00	20.24	
	RHS From End						
	Ch: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch: 30.00m to 52.30m	1	22.30	1.10	1.00	24.53	
	Ch: 52.30m to 54.00m	1	1.70	1.10	1.00	1.87	
	Ch: 54.00m to 82.70m	1	28.70	1.10	1.00	31.57	
	Ch: 82.70m to 94.40m	1	11.70	1.10	1.00	12.87	
	Ch: 94.40m to 104.10m	1	9.70	1.10	1.00	10.67	
	Ch: 104.10m to 115.80m	1	11.70	1.10	1.00	12.87	
	Ch: 115.80m to 129.30m	1	13.50				
	Ch: 129.30m to 140.70m	1	11.40	1.10	1.00	12.54	
	Ch: 140.70m to 158.60m	1	17.90	1.10	1.00	19.69	
	Culvert Gap						
	Ch: 158.60m to 186.30m	1	27.70				
	Culvert Gap						
	Ch: 186.30m to 202.10m	1	15.80	1.10	1.00	17.38	
	Ch: 202.10m to 217.00m	1	14.90				

tractor



Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ರಸ್ತೆ ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು (ಹಸಿರುಪಟ್ಟಿ ವಿಭಾಗ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
Asst. Executive Engineer
ಬೆಂಗಳೂರು - 56

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Culvert Gap								
	Ch: 217.00m to 247.00m	1	30.00	1.10			1.00	33.00	✓
	247.00m to 255.70m	1	8.70	1.10			1.00	9.57	✓
	Culvert Gap								
	255.70m to 278.70m	1	23.00	1.10			1.00	25.30	✓
	SWD to Main Road RHS								
	Ch: 0.00m to 7.80m	1	7.80	1.10			1.00	8.58	✓
	Culvert gap								
	Ch: 7.80m to 37.80m	1	30.00	1.10			1.00	33.00	✓
	Ch: 37.80m to 43.80m	1	6.00	1.10			1.00	6.60	✓
	Culvert gap								
	Ch: 43.80m to 73.80m	1	30.00	1.10			1.00	33.00	✓
	Ch: 73.80m to 102.80m	1	29.00	1.10			1.00	31.90	✓
	SWD to Main Road LHS								✓
	Ch: 0.00m to 30.00m	1	30.00	1.10			1.00	33.00	✓
	Ch: 30.00m to 60.00m	1	30.00	1.10			1.00	33.00	✓
	Ch: 60.00m to 90.00m	1	30.00	1.10			1.00	33.00	✓
	Ch: 90.00m to 101.00m	1	11.00	1.10			1.00	12.10	✓
	School Gate								
	LHS								
	Ch: 0.00m to 11.60m	1	11.60	0.80			0.70	6.50	✓
	Ch: 11.60m to 38.80m	1	27.20	0.80			0.70	15.23	✓
	RHS								
	Ch: 0.00m to 12.40m	1	12.40	0.80			0.70	6.94	✓
	Ch: 12.40m to 37.50m	1	25.10	0.80			0.70	14.06	✓
	Athithi Café Opposite								
	Ch: 0.00m to 30.00m	1	30.00	1.10			1.00	33.00	✓
	Ch: 30.00m to 60.00m	1	30.00	1.10			1.00	33.00	✓
	Ch: 60.00m to 90.00m	1	30.00	1.10			1.00	33.00	✓
	Ch: 90.00m to 103.00m	1	13.00	1.10			1.00	14.30	✓
	3rd A cross Rhs								
	Ch: 0.00m to 30.00m	1	30.00	1.00			1.00	30.00	✓
	Ch: 30.00m to 40.00m	1	10.00	1.00			1.00	10.00	✓
	Road Gap								
	Ch: 40.00m to 69.10m	1	29.10	1.00			1.00	29.10	✓
	Road Gap								
	Ch: 69.10m to 91.90m	1	22.80	1.00			1.00	22.80	✓
	3rd A cross Lhs from dead end								
	Ch: 0.00m to 18.20m	1	18.20	1.00			1.00	18.20	✓
	Culvert Gap								
	Ch: 18.20m to 48.20m	1	30.00	1.00			1.00	30.00	✓
	Ch: 48.20m to 78.20m	1	30.00	1.00			1.00	30.00	✓
	Ch: 78.20m to 92.70m	1	14.50	1.00			1.00	14.50	✓
	3rd B cross Rhs								
	Ch: 0.00m to 30.00m	1	30.00	1.00			1.00	30.00	✓

Inspector



Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ರಸ್ತೆ, ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, (ಮಾನ್ಯ)
ಬಳ್ಳಾರಿ ಜಿಲ್ಲಾ ಮಹಾನ್ಯ ಮಂತ್ರಿರವರ ಕಛೇರಿ
Asst. Executive Engineer



Scanned with OKEN Scanner

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 30.00m to 60.00m	1	30.00	1.00			1.00	30.00	
	Ch: 60.00m to 61.20m	1	1.20	1.00			1.00	1.20	
	3rd Main Lhs								
	Ch: 0.00m to 18.70m	1	18.70	1.00			1.00	18.70	
	3rd Main Rhs								
	Ch: 0.00m to 24.20m	1	24.20	1.00			1.00	24.20	
	4th Main Lhs								
	Ch: 0.00m to 30.00m	1	30.00	1.00			1.00	30.00	
	Ch: 30.00m to 48.90m	1	18.90	1.00			1.00	18.90	
	4th Main Rhs								
	Ch: 0.00m to 30.00m	1	30.00	1.00			1.00	30.00	
	Ch: 30.00m to 13.70m	1	13.70	1.00			1.00	13.70	
	Culvert								
	LHS	1	7.10	1.50			1.00	10.65	DS
	RHS								
		1	7.50	1.50			1.00	11.25	
		1	7.00	1.50			1.00	10.50	
		1	7.20	1.50			1.00	10.80	
		1	7.50	1.50			1.00	11.25	
	SWD to Main Road RHS	1	5.50	1.50			1.00	8.25	
		1	4.80	1.50			1.00	7.20	
	Starting Culvert Expansion								
		1	5.50	1.50			1.30	10.73	
		1	18.00	1.50			1.30	35.10	
	Asphalt Road								
	From SWD to Srinikethan Layout								
	Ch: 0.00m to 17.20m	0.5	17.20	12.00	12.00	12.00	0.35	36.12	
	Ch: 17.20m to 47.20m	1	30.00	12.00	10.90	11.45	0.35	120.23	
	Ch: 47.20m to 72.50m	1	25.30	10.90	10.90	10.90	0.35	96.52	
	Ch: 72.50m to 102.50m	1	30.00	9.60	10.60	10.10	0.35	106.05	
	Ch: 102.50m to 132.50m	1	30.00	10.60	9.90	10.25	0.35	107.63	
	Ch: 132.50m to 162.50m	1	30.00	9.90	10.50	10.20	0.35	107.10	
	Ch: 162.50m to 192.50m	1	30.00	10.50	10.20	10.35	0.35	108.68	
	Ch: 192.50m to 222.50m	1	30.00	10.20	10.60	10.40	0.35	109.20	
	Ch: 222.50m to 252.50m	1	30.00	10.60	10.80	10.70	0.35	112.35	
	Ch: 252.50m to 256.70m	1	4.20	10.80	10.90	10.85	0.35	15.95	
	Ch: 256.70m to 286.70m	1	30.00	12.60	12.60	12.60	0.35	132.30	
	Ch: 286.70m to 301.90m	1	15.20	12.60	12.60	12.60	0.35	67.03	
	Ch: 301.90m to 322.60m	1	20.70	7.80	7.80	7.80	0.35	56.51	
	Continued								
	Ch: 322.60m to 352.60m	1	30.00	8.10	7.00	7.55	0.35	79.28	
	Ch: 352.60m to 382.60m	1	30.00	7.00	6.50	6.75	0.35	70.88	
	Ch: 382.60m to 412.60m	1	30.00	6.50	5.80	6.15	0.35	64.58	
	Ch: 412.60m to 442.60m	1	30.00	5.70	5.30	5.50	0.35	57.75	
	Ch: 442.60m to 447.70m	1	5.10	5.30	6.40	5.85	0.35	10.44	

Contractor



Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿವೃದ್ಧಿ
ರಸ್ತೆ, ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, (ವಾಸಕಲ್ಯಾಣ)
ಇಲಾಖೆ, ಮೈಸೂರು ನಗರ ಪಾಲಿಕೆ
Asst. Executive Engineer

tem No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	3rd B cross								
	Ch: 0.00m to 2.40m	0	2.40	9.20	8.55	8.88	0.35	0.00	
	Ch: 2.40m to 6.40m	1	4.00	8.50	9.80	9.15	0.35	12.81	
	1st cross								
	Ch: 0.00m to 3.00m	0	3.00	8.20	5.90	7.05	0.35	0.00	
	Ch: 3.00m to 33.00m	1	30.00	5.90	5.30	5.60	0.35	58.80	
	Ch: 33.00m to 63.00m	1	30.00	5.30	5.20	5.25	0.35	55.13	
	Ch: 63.00m to 77.80m	1	14.80	5.20	4.90	5.05	0.35	26.16	
	SWD TO Main Road								
	Ch: 0.00m to 30.00m	1	30.00	9.80	9.70	9.75	0.35	102.38	
	Ch: 30.00m to 60.00m	1	30.00	9.70	9.70	9.70	0.35	101.85	
	Ch: 60.00m to 90.00m	1	30.00	9.70	9.60	9.65	0.35	101.33	
	Ch: 90.00m to 120.00m	1	30.00	9.60	9.70	9.65	0.35	101.33	
	3rd B cross								
	Ch: 0.00m to 30.00m	1	30.00	5.70	5.30	5.50	0.35	57.75	
	Ch: 30.00m to 60.00m	1	30.00	5.30	5.60	5.45	0.35	57.23	
	Ch: 60.00m to 20.10m	1	20.10	5.60	5.60	5.60	0.35	39.40	
	3rd A cross								
	Ch: 0.00m to 30.00m	1	30.00	6.10	6.00	6.05	0.35	63.53	
	Ch: 30.00m to 60.00m	1	30.00	6.00	5.60	5.80	0.35	60.90	
	Ch: 60.00m to 90.00m	1	30.00	5.60	6.50	6.05	0.35	63.53	
	Ch: 90.00m to 104.50m	1	14.50	6.50	6.20	6.35	0.35	32.23	
	3rd Main								
	Ch: 0.00m to 21.30m	1	21.30	6.10	5.80	5.95	0.35	44.36	
	4th Main								
	Ch: 0.00m to 30.00m	1	30.00	6.10	6.00	6.05	0.35	63.53	
	Ch: 30.00m to 45.20m	1	15.20	6.00	6.20	6.10	0.35	32.45	
	4th cross								
	Ch: 0.00m to 30.00m	1	30.00	6.00	5.80	5.90	0.35	61.95	
	Ch: 30.00m to 60.00m	1	30.00	5.80	5.30	5.55	0.35	58.28	
	Ch: 60.00m to 90.00m	1	30.00	5.30	5.30	5.30	0.35	55.65	
	Ch: 90.00m to 100.00m	1	10.00	5.30	5.80	5.55	0.35	19.43	
	5th cross								
	Ch: 0.00m to 30.00m	1	30.00	5.90	5.70	5.80	0.35	60.90	
	Ch: 30.00m to 60.00m	1	30.00	5.70	5.30	5.50	0.35	57.75	
	Ch: 60.00m to 90.00m	1	30.00	5.30	5.30	5.30	0.35	55.65	
	Ch: 90.00m to 99.00m	1	9.00	5.30	5.60	5.45	0.35	17.17	
	CC Adjacent to SWD								
	Ch: 0.00m to 3.00m	0.5	3.00	0.00	2.10	1.05	0.35	0.55	
	Ch: 3.00m to 33.00m	1	30.00	2.10	1.85	1.98	0.35	20.74	
	Ch: 33.00m to 48.80m	1	15.80	1.85	1.55	1.70	0.35	9.40	
Present Qty								4475.05	Cum

tractor



Consultant

Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂಶ
ರಸ್ತೆ ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು (ದಾಖಲೆ)
ಬೃಹತ್ ನಿಗದಿತ ಪ್ರಾಂತ್ಯ ಮಟ್ಟದ ಪಾಲಕ
Asst. Executive Engineer



Scanned with OKEN Scanner

Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 5/3/2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
16	Earth work in excavation for foundation of structures like culverts , retaining walls etc., as per drawing and technical specification, including setting out, construction of shoring and bracing, dressing of sides and bottom, back filling with approved material, disposal of balance earth as per specifications, including cost of labour, HOM etc, complete. in all kinds of soil by Mechanical means						
	Singapura Garden Road						
	Compound Wall - Earthwork						
	From SWD LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.00	1.00	30.00	
	Ch: 30.00m to 48.80m	1	18.80	1.00	1.00	18.80	
	Ch: 48.80m to 78.80m	1	30.00	1.00	1.00	30.00	
	Ch: 78.80m to 108.60m	1	29.80	1.00	1.00	29.80	
	Ch: 108.60m to 138.60m	1	30.00	1.00	1.00	30.00	
	Ch: 138.60m to 168.60m	1	30.00	1.00	1.00	30.00	
	Ch: 168.60m to 198.60m	1	30.00	1.00	1.00	30.00	
	Ch: 198.60m to 216.70m	1	18.10	1.00	1.00	18.10	
	Ch: 216.70m to 221.60m	1	4.90	1.00	1.00	4.90	
	Gate Gap						
	Ch: 221.60m to 226.50m	1	4.90	1.00	1.00	4.90	
	Ch: 226.50m to 256.50m	1	30.00	1.00	1.00	30.00	
	Ch: 256.50m to 286.50m	1	30.00	1.00	1.00	30.00	
	Ch: 286.50m to 316.50m	1	30.00	1.00	1.00	30.00	
	Ch: 316.50m to 339.60m	1	23.10	1.00	1.00	23.10	
	Backside						
	Ch: 0.00m to 30.00m	1	30.00	1.00	1.00	30.00	
	Ch: 30.00m to 53.40m	1	23.40	1.00	1.00	23.40	
	Ch: 53.40m to 64.70m	1	11.30	1.00	1.00	11.30	
	SWD to Main Road						
	Ch: 0.00m to 30.00m	1	30.00	1.00	1.00	30.00	
	Ch: 30.00m to 57.00m	1	27.00	1.00	1.00	27.00	
	Deduct Compound Pillars						
	Road Side	-70	1.20	1.00	1.00	-84.00	
	Back Side	-22	1.20	1.00	1.00	-26.40	
	SWD to Main Road	-14	1.20	1.00	1.00	-16.80	
	Entrance Gate						
	Ch:404.30m to 414.90m	1	10.60	1.00	1.00	10.60	
	Ch:404.30m to 419.70m	1	4.80	1.00	1.00	4.80	
	Entrance Pillars						
	Ch: 30.00m to 339.60m	2	1.40	1.40	1.50	5.88	

tractor



Asst.Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ರಸ್ತೆ, ವಾಣಿಜ್ಯ ಮತ್ತು ಕೃಷಿ ಇಲಾಖೆ
Asst. Executive Engineer
ಬೆಂಗಳೂರು - 02

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Compound Pillars						
	Road Side	70	1.20	1.20	1.00	100.80	
	Back Side	22	1.20	1.20	1.00	31.68	
	SWD to Main Road	14	1.20	1.20	1.00	20.16	
	Boundary Line Compound						
		1	26.00	1.20	1.00	59.28	
		1	30.00	1.20	1.10	39.60	
		1	20.00	1.20	1.10	26.40	
	For Footing	11	1.50	1.50	1.50	37.13	
						Present Qty	508.02
							Cum

Contractor



Asst. Engineer

Asst. Executive Engineer

Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 5/3/2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
17	Disposable of excavated un servicable road way earth with all lead of 19 km as per the direction of Engineer in charge						
	From item no. 15					4475.05	
	From item no. 16					508.02	
						Present Qty	4983.07 Cum

[Signature]
Contractor



[Signature]
Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯೋಗರು
ರಸ್ತೆ ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, (ಪ್ರಾಸಕ್ತಿಯಲ್ಲಿರುವ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
Asst. Executive Engineer
ಬೆಂಗಳೂರು - 02

Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 27/6/2022

em No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
18	KSRRB M300-54. Construction of embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Table 300-2 complete as per specifications. Which includes, watering charges & compaction by vibratory roller) MORTH Specification No. 305						
	Singapura Garden Road						
	Asphalt Road						
	From SWD to Srinikethan Layout						
	Ch: 0.00m to 17.20m	0.5	17.20	12.00	12.00	0.40	41.28
	Ch: 17.20m to 47.20m	1	30.00	12.00	10.90	11.45	137.40
	Ch: 47.20m to 72.50m	1	25.30	10.90	10.90	10.90	110.31
	Ch: 72.50m to 102.50m	1	30.00	9.60	9.60	9.60	115.20
	Ch: 102.50m to 132.50m	1	30.00	9.60	9.90	9.75	117.00
	Ch: 132.50m to 162.50m	1	30.00	9.90	10.50	10.20	122.40
	Ch: 162.50m to 192.50m	1	30.00	10.50	10.20	10.35	124.20
	Ch: 192.50m to 222.50m	1	30.00	10.20	10.60	10.40	124.80
	Ch: 222.50m to 252.50m	1	30.00	10.60	10.90	10.75	129.00
	Ch: 252.50m to 256.70m	1	4.20	10.90	10.90	10.90	18.31
	Ch: 256.70m to 286.70m	1	30.00	12.60	12.60	12.60	151.20
	Ch: 286.70m to 301.90m	1	15.20	12.60	12.60	12.60	76.61
	Ch: 301.90m to 322.60m	1	20.70	7.30	7.10	7.20	59.62
	Continued						
	Ch: 322.60m to 352.60m	1	30.00	8.10	7.00	7.55	90.60
	Ch: 352.60m to 382.60m	1	30.00	7.00	6.50	6.75	81.00
	Ch: 382.60m to 412.60m	1	30.00	6.50	5.80	6.15	73.80
	Ch: 412.60m to 442.60m	1	30.00	5.80	5.50	5.65	67.80
	Ch: 442.60m to 447.70m	1	5.10	5.50	6.40	5.95	12.14
	3rd B cross						
	Ch: 0.00m to 2.40m	0	2.40	9.20	8.55	8.88	0.00
	Ch: 2.40m to 6.40m	1	4.00	8.50	9.80	9.15	14.64
	1st cross						
	Ch: 0.00m to 3.00m	0	3.00	8.20	5.90	7.05	0.00
	Ch: 3.00m to 33.00m	1	30.00	5.90	5.30	5.60	67.20
	Ch: 33.00m to 63.00m	1	30.00	5.30	5.20	5.25	63.00
	Ch: 63.00m to 77.80m	1	14.80	5.20	4.90	5.05	29.90
	SWD TO Main Road						
	Ch: 0.00m to 30.00m	1	30.00	9.80	9.70	9.75	117.00
	Ch: 30.00m to 60.00m	1	30.00	9.70	9.70	9.70	116.40

tractor



Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿವೃದ್ಧಿ
ರಸ್ತೆ ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, (ದಾಖಲೆ)
ಬೃಹತ್ ಬೃಗವಿಭಾಗ ಮಹಾನಗರ ಪಾಲಿಕೆ
Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 60.00m to 90.00m	1	30.00	9.70	9.60	9.65	0.40	115.80	Cum
	Ch: 90.00m to 120.00m	1	30.00	9.60	9.70	9.65	0.40	115.80	Cum
Present Qty								2292.40	Cum
Qty to be released								1129.65	Cum
Qty to be reserved								1162.75	Cum

Contractor



Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿವೃದ್ಧಿ
ರಸ್ತೆ, ಮೂಲಭೂತ ಕೃಷಿ ಮತ್ತು ಮೀನುಗಾರಿಕೆ
ಬೃಹತ್ ಪ್ರಗತಿಗಳು ಮತ್ತು ಮಹಾನ್ ಪಾಲಕ
Asst. Executive Engineer
ಬೆಂಗಳೂರು - 02

Widening & Comprehensive Development of Singapura Garden Road Components Factory) to Shrinikethan Layout

Main Road (Precision

Detailed Measurements

Measurement Recorded On: 11/3/2022 2/5/2022

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
20	Providing and laying in position plain cement concrete of mix 1:2:4 for sub-structure works like Culverts, retaining walls etc., with cement @ 240 kgs, 40 mm & down size graded granite metal coarse aggregate @ 0.84 cum and fin aggregates @ 0.46 cum machine mixed, with necessary scaffolding form work etc., including cost of labour, HOM curing etc., complete						
	Singapura Garden Road						
	RCC Drain						
	From SWD LHS						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 48.80m	1	18.80	1.10	0.15	3.10	
	Culvert link Gap						
	Ch: 48.80m to 78.80m	1	30.00	1.10	0.15	4.95	
	Ch: 78.80m to 108.60m	1	29.80	1.10	0.15	4.92	
	Ch: 108.60m to 138.60m	1	30.00	1.10	0.15	4.95	
	Ch: 138.60m to 168.60m	1	30.00	1.10	0.15	4.95	
	Ch: 168.60m to 198.60m	1	30.00	1.10	0.15	4.95	
	Ch: 198.60m to 216.70m	1	18.10	1.10	0.15	2.99	
	Culvert Gap						
	Ch: 216.70m to 246.70m	1	30.00	1.10	0.15	4.95	
	Ch: 246.70m to 276.70m	1	30.00	1.10	0.15	4.95	
	Ch: 276.70m to 306.70m	1	30.00	1.10	0.15	4.95	
	Ch: 306.70m to 329.80m	1	23.10	1.10	0.15	3.81	
	Continued						
	Ch: 329.80m to 332.90m	1	3.10	1.10	0.15	0.51	
	Ch: 332.90m to 351.30m	1	18.40	1.10	0.15	3.04	
	RHS From End						
	Ch: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch: 30.00m to 52.30m	1	22.30	1.10	0.15	3.68	
	Ch: 52.30m to 54.00m	1	1.70	1.10	0.15	0.28	
	Ch: 54.00m to 82.70m	1	28.70	1.10	0.15	4.74	
	Ch: 82.70m to 94.40m	1	11.70	1.10	0.15	1.93	
	Ch: 94.40m to 104.10m	1	9.70	1.10	0.15	1.60	
	Ch: 104.10m to 115.80m	1	11.70	1.10	0.15	1.93	
	Ch: 115.80m to 129.30m	1	13.50				
	Ch: 129.30m to 140.70m	1	11.40	1.10	0.15	1.88	
	Ch: 140.70m to 158.60m	1	17.90	1.10	0.15	2.95	
	Culvert Gap						
	Ch: 158.60m to 186.30m	1	27.70				
	Culvert Gap						
	Ch: 186.30m to 202.10m	1	15.80	1.10	0.15	2.61	



Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂಶಕರು
ರಸ್ತೆ ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, (ದಾಖಲೆ ಮತ್ತು ಬೃಹತ್ ಅಭಿವೃದ್ಧಿ ಯೋಜನೆ) ಕಾಲಕಾಲಕ್ಕೂ
Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 202.10m to 217.00m	1	14.90						
	Culvert Gap								
	Ch: 217.00m to 247.00m	1	30.00	1.10			0.15	4.95	
	247.00m to 255.70m	1	8.70	1.10			0.15	1.44	
	Culvert Gap								
	255.70m to 278.70m	1	23.00	1.10			0.15	3.80	
	SWD to Main Road RHS								
	Ch: 0.00m to 7.80m	1	7.80	1.10			0.15	1.29	
	Culvert gap								
	Ch: 7.80m to 37.80m	1	30.00	1.10			0.15	4.95	
	Ch: 37.80m to 43.80m	1	6.00	1.10			0.15	0.99	
	Culvert gap								
	Ch: 43.80m to 73.80m	1	30.00	1.10			0.15	4.95	
	Ch: 73.80m to 102.80m	1	29.00	1.10			0.15	4.79	
	SWD to Main Road LHS								
	Ch: 0.00m to 30.00m	1	30.00	1.10			0.15	4.95	
	Ch: 30.00m to 60.00m	1	30.00	1.10			0.15	4.95	
	Ch: 60.00m to 90.00m	1	30.00	1.10			0.15	4.95	
	Ch: 90.00m to 101.00m	1	11.00	1.10			0.15	1.82	
	School Gate								
	LHS								
	Ch: 0.00m to 11.60m	1	11.60	0.80			0.15	1.39	
	Ch: 11.60m to 38.80m	1	27.20	0.80			0.15	3.26	
	RHS								
	Ch: 0.00m to 12.40m	1	12.40	0.80			0.15	1.49	
	Ch: 12.40m to 37.50m	1	25.10	0.80			0.15	3.01	
	Athithi Café Opposite								
	Ch: 0.00m to 30.00m	1	30.00	1.10			0.15	4.95	
	Ch: 30.00m to 60.00m	1	30.00	1.10			0.15	4.95	
	Ch: 60.00m to 90.00m	1	30.00	1.10			0.15	4.95	
	Ch: 90.00m to 103.00m	1	13.00	1.10			0.15	2.15	
	3rd A cross Rhs								
	Ch: 0.00m to 30.00m	1	30.00	1.00			0.15	4.50	
	Ch: 30.00m to 40.00m	1	10.00	1.00			0.15	1.50	
	Road Gap								
	Ch: 40.00m to 69.10m	1	29.10	1.00			0.15	4.37	
	Road Gap								
	Ch: 69.10m to 91.90m	1	22.80	1.00			0.15	3.42	
	3rd A cross Lhs from dead end								
	Ch: 0.00m to 18.20m	1	18.20	1.00			0.15	2.73	
	Culvert Gap								
	Ch: 18.20m to 48.20m	1	30.00	1.00			0.15	4.50	
	Ch: 48.20m to 78.20m	1	30.00	1.00			0.15	4.50	
	Ch: 78.20m to 92.70m	1	14.50	1.00			0.15	2.18	
	3rd B cross Rhs								

Contractor



Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ರಸ್ತೆ, ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, ವಿದ್ಯುತ್ ಸಂಪನ್ಮೂಲ
ಬೃಹತ್ ಮಂತ್ರಾಲಯ, ಹೊಸಕೋಟೆ
Asst. Executive Engineer



Scanned with OKEN Scanner

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 0.00m to 30.00m	1	30.00	1.00			0.15	4.50	✓
	Ch: 30.00m to 60.00m	1	30.00	1.00			0.15	4.50	✓
	Ch: 60.00m to 61.20m	1	1.20	1.00			0.15	0.18	✓
	3rd Main Lhs								
	Ch: 0.00m to 18.70m	1	18.70	1.00			0.15	2.81	✓
	3rd Main Rhs								
	Ch: 0.00m to 24.20m	1	24.20	1.00			0.15	3.63	✓
	4th Main Lhs								
	Ch: 0.00m to 30.00m	1	30.00	1.00			0.15	4.50	✓
	Ch: 30.00m to 48.90m	1	18.90	1.00			0.15	2.84	✓
	4th Main Rhs								
	Ch: 0.00m to 30.00m	1	30.00	1.00			0.15	4.50	✓
	Ch: 30.00m to 13.70m	1	13.70	1.00			0.15	2.06	✓
	Culvert	1	7.10	1.50			0.15	1.60	✓
	LHS								
	RHS	1	7.50	1.50			0.15	1.69	✓
		1	7.00	1.50			0.15	1.58	✓
		1	7.20	1.50			0.15	1.62	✓
		1	7.50	1.50			0.15	1.69	✓
	SWD to Main Road RHS	1	5.50	1.50			0.15	1.24	✓
		1	4.80	1.50			0.15	1.08	✓
	Starting Culvert Expansion	1	5.50	1.50			0.15	1.24	✓
		1	18.00	1.50			0.15	4.05	✓
	Compound Wall - PCC								
	From SWD LHS								
	Ch: 0.00m to 30.00m	1	30.00	1.00			0.15	4.50	✓
	Ch: 30.00m to 48.80m	1	18.80	1.00			0.15	2.82	✓
	Ch: 48.80m to 78.80m	1	30.00	1.00			0.15	4.50	✓
	Ch: 78.80m to 108.60m	1	29.80	1.00			0.15	4.47	✓
	Ch: 108.60m to 138.60m	1	30.00	1.00			0.15	4.50	✓
	Ch: 138.60m to 168.60m	1	30.00	1.00			0.15	4.50	✓
	Ch: 168.60m to 198.60m	1	30.00	1.00			0.15	4.50	✓
	Ch: 198.60m to 216.70m	1	18.10	1.00			0.15	2.72	✓
	Ch: 216.70m to 221.60m	1	4.90	1.00			0.15	0.74	✓
	Gate Gap								
	Ch: 221.60m to 221.60m	1	4.90	1.00			0.15	0.74	✓
	Ch: 221.60m to 221.60m	1	30.00	1.00			0.15	4.50	✓
	Ch: 221.60m to 221.60m	1	30.00	1.00			0.15	4.50	✓
	Ch: 221.60m to 221.60m	1	30.00	1.00			0.15	4.50	✓
	Ch: 221.60m to 221.60m	1	23.10	1.00			0.15	3.47	✓
	Backside								
	Ch: 0.00m to 30.00m	1	30.00	1.00			0.15	4.50	✓

itractor



Asst Engineer

ಸಹಾಯಕ ಮುಖ್ಯಮಂತ್ರಿಗಳು
Asst. Executive Engineer
ರಸ್ತೆ ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, (ಮಂಗಳೂರು)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 30.00m to 53.40m	1	23.40	1.00			0.15	3.51	
	Ch: 53.40m to 64.70m	1	11.30	1.00			0.15	1.70	
	SWD to Main Road								
	Ch: 0.00m to 30.00m	1	30.00	1.00			0.15	4.50	
	Ch: 30.00m to 57.00m	1	27.00	1.00			0.15	4.05	
	Deduct Compound Pillars								
	Road Side	-70	1.20	1.00			0.15	-12.60	
	Back Side	-22	1.20	1.00			0.15	-3.96	
	SWD to Main Road	-14	1.20	1.00			0.15	-2.52	
	Entrance Gate								
	Ch:404.30m to 414.90m	1	10.60	1.00			0.15	1.59	
	Ch:404.30m to 419.70m	1	4.80	1.00			0.15	0.72	
	Entrance Pillars								
	Ch: 30.00m to 339.60m	2	1.40	1.40			0.15	0.59	
	Compound Pillars								
	Road Side	70	1.20	1.20			0.15	15.12	
	Back Side	22	1.20	1.20			0.15	4.75	
	SWD to Main Road	14	1.20	1.20			0.15	3.02	
	Gate Entrance Concrete								
		1	4.70	6.20	4.00	5.10	0.15	3.60	
	CC Adjacent to SWD								
	Ch: 0.00m to 3.00m	0.5	3.00	0.00	2.10	1.05	0.15	0.24	
	Ch: 3.00m to 33.00m	1	30.00	2.10	1.85	1.98	0.15	8.89	
	Ch: 33.00m to 48.80m	1	15.80	1.85	1.55	1.70	0.15	4.03	
	Boundary Line Compound								
		1	26.00	1.20			0.15	4.68	
		1	30.00	1.20			0.15	5.40	
		1	20.00	1.20			0.15	3.60	
	For Footing	11	1.50	1.50			0.15	3.71	
Present Qty								337.49	Cum

tractor



Asst. Engineer

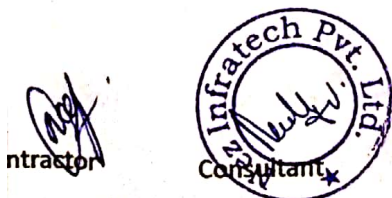
ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ/ಪ್ರಾಂಶುಪಾಲರು
 ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ/ಪ್ರಾಂಶುಪಾಲರು
 ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
 Asst. Executive Engineer

Widening & Comprehensive Development of Singapur Garden Road from Abbigere Main Road (Precision Components Factory) to Sh... Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 29/3/2022

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
21	Providing and laying in position plain/Reinforced cement concrete M20 for sub-structure/Superstructure works, with cement @ 320 kgs, 20 mm & down size graded granite metal coarse aggregate @ 0.69 cum and fine aggregates @ 0.46 cum machine mixed with super plasticisers @ 3lts confirming to IS 9103-2008, concrete laid in layers, well compacted and providing weep holes wherever necessary with necessary scaffolding, form work etc., including cost of labour, HOM curing etc., complete.						
	Singapura Garden Road						
	Compound Wall - Plinth						
	From SWD LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.30	0.30	2.70	
	Ch: 30.00m to 48.80m	1	18.80	0.30	0.30	1.69	
	Ch: 48.80m to 78.80m	1	30.00	0.30	0.30	2.70	
	Ch: 78.80m to 108.60m	1	29.80	0.30	0.30	2.68	
	Ch: 108.60m to 138.60m	1	30.00	0.30	0.90	8.10	
	Ch: 138.60m to 168.60m	1	30.00	0.30	0.90	8.10	
	Ch: 168.60m to 198.60m	1	30.00	0.30	0.90	8.10	
	Ch: 198.60m to 216.70m	1	18.10	0.30	0.90	4.89	
	Ch: 216.70m to 221.60m	1	4.90	0.30	0.90	1.32	
	Gate Gap						
	Ch: 221.60m to 226.50m	1	4.90	0.30	0.90	1.32	
	Ch: 226.50m to 256.50m	1	30.00	0.30	0.90	8.10	
	Ch: 256.50m to 286.50m	1	30.00	0.30	0.90	8.10	
	Ch: 286.50m to 316.50m	1	30.00	0.30	0.90	8.10	
	Ch: 316.50m to 339.60m	1	23.10	0.30	0.90	6.24	
	Backside						
	Ch: 0.00m to 30.00m	1	30.00	0.30	2.40	21.60	
	Ch: 30.00m to 53.40m	1	23.40	0.30	2.40	16.85	
	Ch: 53.40m to 64.70m	1	11.30	0.30	2.40	8.14	
	SWD to Main Road						
	Ch: 0.00m to 30.00m	1	30.00	0.30	0.90	8.10	
	Ch: 30.00m to 57.00m	1	27.00	0.30	0.90	7.29	
	Deduct Compound Pillars						
	Road Side	-70	1.20	0.30	0.90	-22.68	
	Back Side	-22	1.20	0.30	0.90	-7.13	
	SWD to Main Road	-14	1.20	0.30	0.90	-4.54	
	Entrance Gate						
		1	10.60	0.45	0.90	4.29	
		1	4.80	0.45	0.90	1.94	
	Entrance Pillars Foundation						
		2	1.20	1.20	0.20	0.58	
		2	0.45	0.30	1.20	0.32	



Asst. Engineer

Executive Engineer
... ..

Widening & Comprehensive Development of Singapur Garden Road from Abbigere Main Road (Precision Components Factory) to Shri

Road from Abbigere Main Road (Precision Components Factory) to Shri

Detailed Measurements

Measurement Recorded On: 6/5/2022, 10/5/2022

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
22	KSRRB M2200-5.9. Providing and laying Design mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplasticiser @3lts confirming to IS9103-1999 Reaffirmed-2008 including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. - i) Upto 5 m height						
	Singapura Garden Road						
	RCC Drain Raft						
	From SWD LHS						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	✓
	Ch: 30.00m to 48.80m	1	18.80	0.90	0.15	2.54	✓
	Culvert link Gap						
	Ch: 48.80m to 78.80m	1	30.00	0.90	0.15	4.05	✓
	Ch: 78.80m to 108.60m	1	29.80	0.90	0.15	4.02	✓
	Ch: 108.60m to 138.60m	1	30.00	0.90	0.15	4.05	✓
	Ch: 138.60m to 168.60m	1	30.00	0.90	0.15	4.05	✓
	Ch: 168.60m to 198.60m	1	30.00	0.90	0.15	4.05	✓
	Ch: 198.60m to 216.70m	1	18.10	0.90	0.15	2.44	✓
	Culvert Gap						
	Ch: 216.70m to 246.70m	1	30.00	0.90	0.15	4.05	✓
	Ch: 246.70m to 276.70m	1	30.00	0.90	0.15	4.05	✓
	Ch: 276.70m to 306.70m	1	30.00	0.90	0.15	4.05	✓
	Ch: 306.70m to 329.80m	1	23.10	0.90	0.15	3.12	✓
	Continued						
	Ch: 329.80m to 332.90m	1	3.10	0.90	0.15	0.42	✓
	Ch: 332.90m to 351.30m	1	18.40	0.90	0.15	2.48	✓
	RHS From End						
	Ch: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	✓
	Ch: 30.00m to 52.30m	1	22.30	0.90	0.15	3.01	✓
	Ch: 52.30m to 54.00m	1	1.70	0.90	0.15	0.23	✓
	Ch: 54.00m to 82.70m	1	28.70	0.90	0.15	3.87	✓
	Ch: 82.70m to 94.40m	1	11.70	0.90	0.15	1.58	✓
	Ch: 94.40m to 104.10m	1	9.70	0.90	0.15	1.31	✓
	Ch: 104.10m to 115.80m	1	11.70	0.90	0.15	1.58	✓
	Ch: 115.80m to 129.30m	1	13.50				✓
	Ch: 129.30m to 140.70m	1	11.40	0.90	0.15	1.54	✓
	Ch: 140.70m to 158.60m	1	17.90	0.90	0.15	2.42	✓
	Culvert Gap						
	Ch: 158.60m to 186.30m	1	27.70				✓
	Culvert Gap						
	Ch: 186.30m to 202.10m	1	15.80	0.90	0.15	2.13	✓

Contractor



Asst. Engineer

Signature of Asst. Engineer
ಶ್ರೀ ಮೂಲಭೂತ ಸೌಕರ್ಯ ಇಂಜಿನಿಯರಿಂಗ್
ಮಹಾನಗರ ಪಾಲಿಕೆ

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Ch: 202.10m to 217.00m	1	14.90						
	Culvert Gap								
	Ch: 217.00m to 247.00m	1	30.00	0.90			0.15	4.05	✓
	247.00m to 255.70m	1	8.70	0.90			0.15	1.17	✓
	Culvert Gap								
	255.70m to 278.70m	1	23.00	0.90			0.15	3.11	✓
	SWD to Main Road RHS								
	Ch: 0.00m to 7.80m	1	7.80	0.90			0.15	1.05	✓
	Culvert gap								
	Ch: 7.80m to 37.80m	1	30.00	0.90			0.15	4.05	✓
	Ch: 37.80m to 43.80m	1	6.00	0.90			0.15	0.81	✓
	Culvert gap								
	Ch: 43.80m to 73.80m	1	30.00	0.90			0.15	4.05	✓
	Ch: 73.80m to 102.80m	1	29.00	0.90			0.15	3.92	✓
	SWD to Main Road LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90			0.15	4.05	✓
	Ch: 30.00m to 60.00m	1	30.00	0.90			0.15	4.05	✓
	Ch: 60.00m to 90.00m	1	30.00	0.90			0.15	4.05	✓
	Ch: 90.00m to 101.00m	1	11.00	0.90			0.15	1.49	✓
	School Gate								
	LHS								
	Ch: 0.00m to 11.60m	1	11.60	0.60			0.15	1.04	✓
	Ch: 11.60m to 38.80m	1	27.20	0.60			0.15	2.45	✓
	LHS								
	Ch: 0.00m to 12.40m	1	12.40	0.60			0.15	1.12	✓
	Ch: 12.40m to 37.50m	1	25.10	0.60			0.15	2.26	✓
	Athithi Café Opposite								
	Ch: 0.00m to 30.00m	1	30.00	0.90			0.15	4.05	✓
	Ch: 30.00m to 60.00m	1	30.00	0.90			0.15	4.05	✓
	Ch: 60.00m to 90.00m	1	30.00	0.90			0.15	4.05	✓
	Ch: 90.00m to 103.00m	1	13.00	0.90			0.15	1.76	✓
	3rd A cross Rhs								
	Ch: 0.00m to 30.00m	1	30.00	0.75			0.15	3.38	✓
	Ch: 30.00m to 40.00m	1	10.00	0.75			0.15	1.13	✓
	Road Gap								
	Ch: 40.00m to 69.10m	1	29.10	0.75			0.15	3.27	✓
	Road Gap								
	Ch: 69.10m to 91.90m	1	22.80	0.75			0.15	2.57	✓
	3rd A cross Lhs from dead end								
	Ch: 0.00m to 18.20m	1	18.20	0.75			0.15	2.05	✓
	Culvert Gap								
	Ch: 18.20m to 48.20m	1	30.00	0.75			0.15	3.38	✓
	Ch: 48.20m to 78.20m	1	30.00	0.75			0.15	3.38	✓
	Ch: 78.20m to 92.70m	1	14.50	0.75			0.15	1.63	✓
	3rd B cross Rhs								

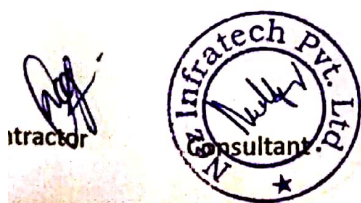
tractor



Asst. Engineer

Asst. Executive Engineer
 ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ, ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, (ಪಾಲಿಟೆಕ್ನಿಕ್, ಬೆಂಗಳೂರು)
 ಸಿ.ಆರ್.ಎಸ್.ಎಸ್.ಎಸ್. ಕಾಲನಿ

Item No	Discription of Item	No	Length	Breadth		Depth	Qty	Unit
	Ch: 0.00m to 30.00m	1	30.00	0.75		0.15	3.38	
	Ch: 30.00m to 60.00m	1	30.00	0.75		0.15	3.38	
	Ch: 60.00m to 61.20m	1	1.20	0.75		0.15	0.14	
	3rd Main Lhs							
	Ch: 0.00m to 18.70m	1	18.70	0.75		0.15	2.10	
	3rd Main Rhs							
	Ch: 0.00m to 24.20m	1	24.20	0.75		0.15	2.72	
	4th Main Lhs							
	Ch: 0.00m to 30.00m	1	30.00	0.75		0.15	3.38	
	Ch: 30.00m to 48.90m	1	18.90	0.75		0.15	2.13	
	4th Main Rhs							
	Ch: 0.00m to 30.00m	1	30.00	0.75		0.15	3.38	
	Ch: 30.00m to 13.70m	1	13.70	0.75		0.15	1.54	
	RCC Drain Wall							
	From SWD LHS							
	Ch: 0.00m to 30.00m	2	30.00	0.15		0.60	5.40	
	Ch: 30.00m to 48.80m	2	18.80	0.15		0.60	3.38	
	Culvert link Gap							
	Ch: 48.80m to 78.80m	2	30.00	0.15		0.85	7.65	
	Ch: 78.80m to 108.60m	2	29.80	0.15		0.85	7.60	
	Ch: 108.60m to 138.60m	2	30.00	0.15		0.60	5.40	
	Ch: 138.60m to 168.60m	2	30.00	0.15		0.60	5.40	
	Ch: 168.60m to 198.60m	2	30.00	0.15		0.60	5.40	
	Ch: 198.60m to 216.70m	2	18.10	0.15		0.60	3.26	
	Culvert Gap							
	Ch: 216.70m to 246.70m	2	30.00	0.15		0.60	5.40	
	Ch: 246.70m to 276.70m	2	30.00	0.15		0.60	5.40	
	Ch: 276.70m to 306.70m	2	30.00	0.15		0.60	5.40	
	Ch: 306.70m to 329.80m	2	23.10	0.15		0.60	4.16	
	Continued							
	Ch: 329.80m to 332.90m	2	3.10	0.15		0.60	0.56	
	Ch: 332.90m to 351.30m	2	18.40	0.15		0.60	3.31	
	RHS From End							
	Ch: 0.00m to 30.00m	2	30.00	0.15		0.60	5.40	
	Ch: 30.00m to 52.30m	2	22.30	0.15		0.60	4.01	
	Ch: 52.30m to 54.00m	2	1.70	0.15		0.60	0.31	
	Ch: 54.00m to 82.70m	2	28.70	0.15		0.60	5.17	
	Ch: 82.70m to 94.40m	2	11.70	0.15		0.60	2.11	
	Ch: 94.40m to 104.10m	2	9.70	0.15		0.60	1.75	
	Ch: 104.10m to 115.80m	2	11.70	0.15		0.60	2.11	
	Ch: 115.80m to 129.30m	2	13.50					
	Ch: 129.30m to 140.70m	2	11.40	0.15		0.60	2.05	
	Ch: 140.70m to 158.60m	2	17.90	0.15		0.60	3.22	
	Culvert Gap							
	Ch: 158.60m to 186.30m	2	27.70					

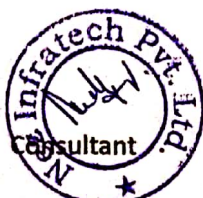


Asst. Engineer

Asst. Executive Engineer
 ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ, ಮೂಲಭೂತ ಸಂಪನ್ಮೂಲ, (ಮಾನ್ಯತೆ, ಮುಖ್ಯ)
 ಬಿ.ಕೆ. ಬಂಗಲೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Item No	Discription of Item	No	Length	Breadth			Depth	Qty	Unit
	Culvert Gap								
	Ch: 186.30m to 202.10m	2	15.80	0.15			0.60	2.84	✓
	Ch: 202.10m to 217.00m	2	14.90						
	Culvert Gap								
	Ch: 217.00m to 247.00m	2	30.00	0.15			0.80	7.20	✓
	247.00m to 255.70m	2	8.70	0.15			0.80	2.09	✓
	Culvert Gap								
	255.70m to 278.70m	2	23.00	0.20			1.40	12.88	✓
	SWD to Main Road RHS								
	Ch: 0.00m to 7.80m	2	7.80	0.15			0.90	2.11	✓
	Culvert gap								
	Ch: 7.80m to 37.80m	2	30.00	0.15			0.90	8.10	✓
	Ch: 37.80m to 43.80m	2	6.00	0.15			0.95	1.71	✓
	Culvert gap								
	Ch: 43.80m to 73.80m	2	30.00	0.15			0.95	8.55	✓
	Ch: 73.80m to 102.80m	2	29.00	0.15			0.95	8.27	✓
	SWD to Main Road LHS								
	Ch: 0.00m to 30.00m	2	30.00	0.15			0.90	8.10	✓
	Ch: 30.00m to 60.00m	2	30.00	0.15			0.90	8.10	✓
	Ch: 60.00m to 90.00m	2	30.00	0.15			0.90	8.10	✓
	Ch: 90.00m to 101.00m	2	11.00	0.15			0.90	2.97	✓
	School Gate								
	LHS								
	Ch: 0.00m to 11.60m	2	11.60	0.15			0.45	1.57	✓
	Ch: 11.60m to 38.80m	2	27.20	0.15			0.45	3.67	✓
	RHS								
	Ch: 0.00m to 12.40m	2	12.40	0.15			0.45	1.67	✓
	Ch: 12.40m to 37.50m	2	25.10	0.15			0.45	3.39	✓
	Athithi Café Opposite								
	Ch: 0.00m to 30.00m	2	30.00	0.15			0.75	6.75	✓
	Ch: 30.00m to 60.00m	2	30.00	0.15			0.75	6.75	✓
	Ch: 60.00m to 90.00m	2	30.00	0.15			0.75	6.75	✓
	Ch: 90.00m to 103.00m	2	13.00	0.15			0.75	2.93	✓
	3rd A cross Rhs								
	Ch: 0.00m to 30.00m	2	30.00	0.15			0.60	5.40	✓
	Ch: 30.00m to 40.00m	2	10.00	0.15			0.60	1.80	✓
	Road Gap								
	Ch: 40.00m to 69.10m	2	29.10	0.15			0.60	5.24	✓
	Road Gap								
	Ch: 69.10m to 91.90m	2	22.80	0.15			0.60	4.10	✓
	3rd A cross Lhs from dead end								
	Ch: 0.00m to 18.20m	2	18.20	0.15			0.60	3.28	✓
	Culvert Gap								
	Ch: 18.20m to 48.20m	2	30.00	0.15			0.60	5.40	✓
	Ch: 48.20m to 78.20m	2	30.00	0.15			0.60	5.40	✓

tractor



Asst. Engineer

Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth		Depth	Qty	Unit
	Ch: 78.20m to 92.70m	2	14.50	0.15		0.60	2.61	-
	3rd B cross Rhs							
	Ch: 0.00m to 30.00m	2	30.00	0.15		0.60	5.40	-
	Ch: 30.00m to 60.00m	2	30.00	0.15		0.60	5.40	-
	Ch: 60.00m to 61.20m	2	1.20	0.15		0.60	0.22	-
	3rd Main Lhs							
	Ch: 0.00m to 18.70m	2	18.70	0.15		0.60	3.37	-
	3rd Main Rhs							
	Ch: 0.00m to 24.20m	2	24.20	0.15		0.60	4.36	-
	4th Main Lhs							
	Ch: 0.00m to 30.00m	2	30.00	0.15		0.60	5.40	-
	Ch: 30.00m to 48.90m	2	18.90	0.15		0.60	3.40	-
	4th Main Rhs							
	Ch: 0.00m to 30.00m	2	30.00	0.15		0.60	5.40	-
	Ch: 30.00m to 13.70m	2	13.70	0.15		0.60	2.47	-
	Culvert Raft							
	LHS	1	7.10	1.20		0.20	1.70	-
	RHS							
		1	7.50	1.20		0.20	1.80	- C&F
		1	7.00	1.20		0.20	1.68	-
		1	7.20	1.20		0.20	1.73	-
		1	7.50	1.20		0.20	1.80	-
	SWD to Main Road RHS	1	5.50	1.20		0.20	1.32	-
		1	4.80	1.20		0.20	1.15	-
	Starting Culvert Expansion							
		1	5.50	1.50		0.20	1.65	-
		1	18.00	1.50		0.20	5.40	-
	Culvert Wall							
	LHS	2	7.10	0.23		0.60	1.96	-
	RHS							
		2	7.50	0.23		0.70	2.42	-
		2	7.00	0.23		0.70	2.25	-
		2	7.20	0.23		0.80	2.65	- C&F
		2	7.50	0.23		0.80	2.76	-
	SWD to Main Road RHS	2	5.50	0.23		0.60	1.52	-
		2	4.80	0.23		0.60	1.32	-
	Starting Culvert Expansion							
		2	5.50	0.23		0.90	2.28	-
		2	18.00	0.23		0.90	7.45	-
	Culvert Deck Slab							
	LHS	1	7.10	1.20		0.22	1.87	-
		1	18.00	1.20		0.22	4.75	-
Present Qty							495.09	Cum

tractor



Asst. Engineer

Asst. Executive Engineer

Widening & Comprehensive Development of Singapura Garden Road from Abbigere Main Road (Precision Components Factory) to Shrinikethan Layout (BDA Layout)

Detailed Measurements

Measurement Recorded On: 28/3/2022, 15/4/2022, 1/5/2022

em lo	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	KSRRB M2200-6. Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking placing in position lapping and /or welding wherever required , tying with binding wire and anchoring to the adjoining members wherever necessary complete as design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No. 1600 & 2200. TMT Bars Fe 500						
	Singapura Garden Road						
	RCC Drain Raft						
	From SWD LHS						
	Total Drain Length=351.30m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=2810	2810	2.20		0.61	3771.02	
	No of distrubution Bars=15	15	351.30		0.61	3214.40	
	RHS From End						
	Total Drain Length=278.70m						
	Main Bar 10mm dia @155mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @160mm c/c						
	d=0.61kg/m						
	No of U Bars=1798	1798	2.30		0.61	2522.59	
	No of distrubution Bars=14	14	278.70		0.61	2380.10	
	SWD to Main Road RHS						
	LHS						
	Total Drain Length=102.80m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=823	823	2.70		0.61	1355.48	
	No of distrubution Bars=18	18	102.80		0.61	1128.74	
	SWD to Main Road LHS						
	LHS						
	Total Drain Length=101.00m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						

tractor



Asst. Engineer

ಸಹಾಯಕ ಮುಖ್ಯಮಂತ್ರಿ ಅಭಿಯಂತರ:
Asst. Executive Engineer
ರಸ್ತೆ ಮೂಲಭೂತ ಸೌಕರ್ಯಗಳು, (ಪ್ರಾಂತ್ಯ) ವಿಭಾಗ
ಬಿ.ಹೆಚ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ



Scanned with OKEN Scanner

em Jo	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=808	808	2.70		0.61	1330.78	
	No of distrubution Bars=18	18	101.00		0.61	1108.98	
	School Gate						
	LHS						
	Total Drain Length=38.80m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=310	310	1.50		0.61	283.65	
	No of distrubution Bars=10	10	38.80		0.61	236.68	
	RHS						
	Total Drain Length=37.50m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=300	300	1.50		0.61	274.50	
	No of distrubution Bars=10	10	37.50		0.61	228.75	
	Athithi Café Opposite						
	Total Drain Length=103.00m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=824	824	2.40		0.61	1206.34	
	No of distrubution Bars=16	16	103.00		0.61	1005.28	
	3rd A cross Rhs						
	Total Drain Length=91.90m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=735	735	1.95		0.61	874.28	
	No of distrubution Bars=13	13	91.90		0.61	728.77	
	3rd A cross Lhs from dead end						
	Total Drain Length=92.70m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						

tractor



Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
Asst. Executive Engineer
ರಸ್ತೆ, ಮೂಲಭೂತ ಸೌಕರ್ಯ ಇಲಾಖೆ
ಕೆ.ಆರ್. ನಗರ ಮಹಾನಗರ ಪಾಲಿಕೆ

em No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=742	742	1.95		0.61	882.61	
	No of distrubution Bars=13	13	92.70		0.61	735.11	
	3rd B cross Rhs						
	Total Drain Length=61.20m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=490	490	1.95		0.61	582.86	
	No of distrubution Bars=13	13	61.20		0.61	485.32	
	3rd Main Lhs						
	Total Drain Length=18.70m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=150	150	1.95		0.61	178.43	
	No of distrubution Bars=13	13	18.70		0.61	148.29	
	3rd Main Rhs						
	Total Drain Length=24.20m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=194	194	1.95		0.61	230.76	
	No of distrubution Bars=13	13	24.20		0.61	191.91	
	4th Main Lhs						
	Total Drain Length=48.90m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=391	391	1.95		0.61	465.09	
	No of distrubution Bars=13	13	48.90		0.61	387.78	
	4th Main Rhs						
	Total Drain Length=43.70m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @145mm c/c						

tractor



Consultant

Asst. Engineer

Asst. Executive Engineer
 3rd, 4th Main Rhs
 3rd, 4th Main Rhs



Scanned with OKEN Scanner

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
	d=0.61kg/m						
	No of U Bars=350	350	1.95		0.61	416.33	
	No of distribution Bars=13	13	43.70		0.61	346.54	
	Culvert						
	Total Culvert Length=70.10m						
	Main Bar 12mm dia @150mm c/c						
	d=0.89kg/m double mat,						
	Distribution Bar 10mm dia @160mm c/c						
	d=0.61kg/m double mat,						
	No of U Bars=934	934	2.70		0.89	2244.40	
	No of distribution Bars=34	34	70.10		0.61	1453.87	
	Culvert Deck Slab						
	Total Culvert Length=25.10m						
	Main Bar 12mm dia @175mm c/c						
	d=0.89kg/m double mat,						
	Distribution Bar 10mm dia @170mm c/c						
	d=0.61kg/m double mat,						
	No of U Bars=287	287	1.42		0.89	362.71	
	No of distribution Bars=16	16	25.10		0.61	244.98	
	Compound Wall - Plinth						
	From SWD LHS						
	Total Drain Length=339.60m						
	Main Bar 10mm dia @125mm c/c						
	d=0.61kg/m						
	Distribution Bar 10mm dia @145mm c/c						
	d=0.61kg/m						
	No of U Bars=310	2716	1.80		0.89	4351.03	
	No of distribution Bars=10	15	339.60		0.61	3107.34	
	Compound Wall - Plinth						
	Backside						
	Total Drain Length=64.70m						
	Main Bar 10mm dia @110mm c/c						
	d=0.61kg/m						
	Distribution Bar 10mm dia @115mm c/c						
	d=0.61kg/m						
	No of U Bars=588	588	5.40		0.89	2825.93	
	No of distribution Bars=47	47	64.70		0.89	2706.40	
	For compound Wall						
	Boundary Line						
	Retaining Wall 26mtr Length						
	Footing						

tractor

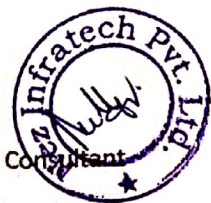


Asst. Engineer

Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Main bar @16mm dia 150mmC/c						
	Distribution Bar at 12mm dia 150mm/C						
	26/0.15 =173Nos	173	2.00	1.00	1.58	546.68	
	1/.15	6	2.00	26.00	0.89	277.68	
	For Wall						
	Main bar @16mm dia 150mmC/c	173	2.40	1.58		656.02	
	Main bar @12mm dia 150mmC/c	173	2.00	0.89		307.94	
	Distribution Bar at 12mm dia 150mm/C						
	1.8/.15=12 Nos	12	2.00	26.00	0.89	555.36	
	Retaining Wall 50mtr Length						
	Footing						
	Main bar @16mm dia 150mmC/c						
	Distribution Bar at 12mm dia 150mm/C						
	50/0.15 =333Nos	333	2.00	1.00	1.58	1052.28	
	1/.15	6	2.00	50.00	0.89	534.00	
	For Wall						
	Main bar @16mm dia 150mmC/c	333	1.60	1.58		841.82	
	Main bar @12mm dia 150mmC/c	333	1.20	0.89		355.64	
	Distribution Bar at 12mm dia 150mm/C						
	1.8/.15=12 Nos	12	2.00	50.00	0.89	1068.00	
	Footing 11Nos						
	Main bar @12mm dia 150mmC/c both ways						
	Distribution Bar at 12mm dia 150mm/C						
		11	8.00	1.20	0.89	93.98	
		11	8.00	1.20	0.89	93.98	
	For Coloumns upto plinth						
	6Nos 16mm dia bar	11	6.00	1.20	1.58	125.14	
	Stirrups 8mm Dia bar	11	2.40	2.40	0.39	24.71	
	Plinth Beam						
	6# 12mm dia bar	1	6.00	50.00	0.89	267.00	
	Stirrups 8mm Dia bar @150mmC/c	333	1.80		0.39	233.77	
	For Coloumns above plinth						
	Total Nos of Coloumn =27 Nos						
	6# of 12mm dia bar	27	6.00	1.85	0.89	266.73	
	Stirrups 8mm dia @ 150mm C/c	27	12.00	1.20	0.39	151.63	
	From SWD LHS						
	Footing 24Nos						
	Main bar @12mm dia 150mmC/c both ways						
	Distribution Bar at 12mm dia 150mm/C						
	1.2/0.15=8Nos	24	8.00	1.20	0.89	205.06	
		24	8.00	1.20	0.89	205.06	

tractor



Asst. Engineer

ಸಹಾಯಕ ಮುಖ್ಯ ಮಂಡಳಿ ಅಧೀನ
ರಸ್ತೆ ಮೂಲಭೂತ ಕೆಲಸಗಳ ನಿರ್ದೇಶಕರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
Asst. Executive Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Main bar @12mm dia 150mmC/c	380	2.75	0.89		930.05	Tn
	Distribution Bar at 12mm dia 150mm/C						
	1.8/15=12 Nos	16	2.00	57.00	0.89	1623.36	Tn
	For Coloumns Above Plinth						
	8Nos 12mm dia bar	22	8.00	2.40	0.89	375.94	Tn
	Stirrups 8mm Dia bar	22	16.00	1.20	0.39	164.74	Tn
						68325.52	Kgs
						Present Qty	68.33 Tn
						Qty to be released	62.73 Tn
						Qty to be reserved	5.59 Tn

tractor



Asst. Engineer

Asst. Executive Engineer
 ರಾ. ಮಾರ್ಗದ ನಿರ್ಮಾಣ ಇಲಾಖೆ
 ಹೆಚ್. ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ